





## **Ford Motor Company Diagnostic Trouble**

**Here is the list of DTC's. This is a HUGE file (48 pages) use your scroll function to locate the code you're looking for. The P0000 to P1000 are all EOBD Codes.**

**First digit structure is as follows:**

- **Pxxxx** for powertrain
- **Bxxxx** for body
- **Cxxxx** for chassis
- **Uxxxx** for future systems

**Second digit structure is:**

- **P0xxx** Government required codes
- **P1xxx** Manufacturer codes for additional emissions required but reported to the government

**Third digit structure is:**

- **Px1xx** measurement of air and fuel
- **Px2xx** measurement of air and fuel
- **Px3xx** ignition system
- **Px4xx** additional emission control
- **Px5xx** speed and idle regulation
- **Px6xx** computer and output signals
- **Px7xx** transmission
- **Px8xx** transmission
- **Px9xx** control modules, input and output signals

**The fourth and fifth digits designate the individual component.**

## Коды ошибок CAN BUS(P0001-P2A11)

"P0001 SPEEDOMETER SENSOR OPEN/SHORT",  
"P0002 NE SIGNAL - NO NE SIGNAL",  
"P0003 G SIGNAL - NO G SIGNAL",  
"P0004 SGT SIGNAL - NO SGT SIGNAL",  
"P0005 REAR STEERING ANGLE SENSOR ",  
"P0006 NO VSS SIGNAL",  
"P0007 STOPLIGHT SW AND BRAKE SW DEFECT",  
"P0008 MAF OPEN OR SHORT",  
"P0009 P/S FLUID LEVELSW LOW FLUID SHORT",  
"P000A SEPARATOR CODE",  
"P000B WSS,SR(FR) OPEN OR SHORT ",  
"P000C TP OPEN SHORT",  
"P000D CRUISE (COAST) SIGNAL MAL",  
"P000E VEHICLE SPEED SENSOR ",  
"P000F H02S INACTIVATION",  
"P0010 INTAKE CAMSHAFT POS ACTUATOR CIRCUIT(B1)",  
"P0011 INTAKE CAMSHAFT TIMING OVER ADVANCED(B1)",  
"P0012 INTAKE CAMSHAFT TIMING OVER RETARDED(B1)",  
"P0013 EXHAUST CAMSHAFT POS ACTUATOR (B1)",  
"P0014 EXHAUST CAMSHAFT POS TIMING OVER ADVANCED(B1)",  
"P0015 EXHAUST CAMSHAFT POS TIMING OVER RETARDES(B1)",  
"P0016 CRANKSHAFT POS CAMSHAFT POS CORRELATION (B1)",  
"P0017 REAR STREEING GEAR DAMAGED",  
"P0018 H02S(LH) INVERSION",  
"P0019 SOLENOID (PRC) OPEN / SHORT",  
"P001A SOLENOID (PURGE CONTROL) OPEN/SHORT",  
"P001C SOLENOID (LH-REAR) OPEN/SHORT",  
"P001D SOLENOID (EGR-VENT) OPEN/SHORT",  
"P001F SOLENOID OPEN SHORT DAMAGED",  
"P0020 INTAKE CAMSHAFT POS ACTUATOR CKT (B2)",  
"P0021 INTAKE CAMSHAFT TIMING OVER ADVANCED(B2)",  
"P0022 INTAKE CAMSHAFT TIMING OVER RETARDED(B2)",  
"P0023 EXHAUST CAMSHAFT POS ACTUATOR (B2)",  
"P0024 EXHAUST CAMSHAFT POS TIMING OVER ADVANCED(B2)",  
"P0025 EXHAUST CAMSHAFT POS TIMING OVER RETARDES(B2)",  
"P0026 INTAKE VALVE CONTROL SOL CKT (B1)",  
"P0027 EXHAUST VALVE CONTROL SOL CKT (B1)",  
"P0028 INTAKE VALVE CONTROL SOL CKT (B2)",  
"P0029 SOLENOID VICS-OPEN / SHORT",  
"P002E SOLENOID VRISZ -OPEN",  
"P0030 H02S HEATER (B1S1)",  
"P0031 H02S HEATER CKT LOW VOLT (B1S1)",  
"P0032 H02S HEATER CKT HIGH VOLT (B1S1)",  
"P0033 TURBOCHARGE BYPASS VALVE CTRL OPEN",  
"P0035 MOTOR RELAY OPEN SHORT DEFECT",  
"P0036 H02S HEATER CKT (B1S2)",  
"P0037 H02S -12 CIRCUIT LOW VOLT",  
"P0038 H02S -12 CIRCUIT HIGH VOLT",  
"P0039 RTS1 - OPEN SHORT",  
"P003A RTS2 - OPEN SHORT",  
"P003B TRS/ECTS OPEN OR SHORT",  
"P003C SOLENOID (1-2 SHIFT) OPEN OR SHORT",  
"P003D 4WS CONTROL UNIT - DAMAGED",  
"P003E SOL (3-4 SHIFT ) OPEN/SHORT",  
"P003F SOL (LOCKUP) OPEN/SHORT",  
"P0040 POWERTRAIN CTRL MODULE",  
"P0041 DOWNSTREAM H02S SWAPED ",  
"P0042 SOL (LINE PRESSURE) OPEN / SHORT",  
"P0043 COOLANT FAN RELAY 1 OPEN/SHORT",  
"P0044 COOLANT FAN RELAY SHORT",  
"P0045 ECTS(FAN) OPEN SHORT",  
"P0046 TURBO BOOST CTRL SOL CKT MAL",  
"P0047 TURBO BOOST CTRL SOL CKT LOW",  
"P0048 TURBO BOOST CTRL SOL CKT HIGH",  
"P0049 TURBO TURBINE OVERSPEED",  
"P004A TURBOCHARGER/SUPERCHARGER BOOST CONTROL SOLENOID B CIRCUIT / OPEN",  
"P004B TURBOCHARGER/SUPERCHARGER BOOST CONTROL SOLENOID B CIRCUIT RANGE/PERFORMANCE",  
"P004C TURBOCHARGER/SUPERCHARGER BOOST CONTROL SOLENOID B CIRCUIT LOW",  
"P004D TURBOCHARGER/SUPERCHARGER BOOST CONTROL SOLENOID B CIRCUIT HIGH",  
"P004E TURBO BOOST CTRL SOL A CKT",



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Px6xx computer and output signals

P0001 Fuel Volume Regulator Control Circuit/Open  
 P0002 Fuel Volume Regulator Control Circuit Range/Performance  
 P0003 Fuel Volume Regulator Control Circuit Low  
 P0004 Fuel Volume Regulator Control Circuit High  
 P0005 Fuel Shutoff Valve A Control Circuit/Open  
 P0006 Fuel Shutoff Valve A Control Circuit Low  
 P0007 Fuel Shutoff Valve A Control Circuit High  
 P0008 Engine Position System Performance - Bank 1  
 P0009 Engine Position System Performance - Bank 2  
 P000A Separator code  
 P000B Exhaust (B) Camshaft Position Slow Response Bank 1  
 P000C Intake (A) Camshaft Position Slow Response Bank 2  
 P000D Exhaust (B) Camshaft Position Slow Response Bank 2  
 P000E Fuel Volume Regulator Control Exceeded Learning Limit  
 P000F Fuel System Over Pressure Relief Valve Activated  
 P0010 Intake camshaft position actuator circuit(bank 1)  
 P0011 Intake camshaft position timing-over advanced (bank 1)  
 P0012 Intake camshaft position timing-over retarded (bank 1)  
 P0013 Exhaust Camshaft Position Actuator Circuit (Bank 1)  
 P0014 Exhaust Camshaft Position Timing - Over-Advanced (Bank1)  
 P0015 Exhaust Camshaft Position Timing - Over-Retarded (Bank1)  
 P0016 Crankshaft position - Camshaft position Correlation (Bank 1)  
 P0017 Rear Steering Gear-Damaged  
 P0018 Crankshaft Position - Camshaft Position Correlation - Bank 2 Sensor A  
 P0019 SOLENOID(PRC)-Open Or Short  
 P001A Intake A Cam Profile Control Circuit Open Bank 1  
 P001B Intake A Cam Profile Control Circuit Low Bank 1  
 P001C Intake A Cam Profile Control Circuit High Bank 1  
 P001D Intake A Cam Profile Control Circuit Open Bank 2  
 P001E Intake A Cam Profile Control Circuit Low Bank 2  
 P001F Intake A Cam Profile Control Circuit High Bank 2  
 P0020 Intake camshaft position actuator circuit (bank 2)  
 P0021 Intake camshaft position timing-over-advanced (bank 2)  
 P0022 Camshaft Position Timing - Over-Advanced (Bank 2)  
 P0023 Exhaust Camshaft Position Actuator Circuit (Bank 2)  
 P0024 Exhaust Camshaft Position Timing - Over-Advanced (Bank2)  
 P0025 Exhaust Camshaft Position Timing - Over-Retarded (Bank2)  
 P0026 Intake Valve Control Solenoid Circuit Range/Performance (Bank1)  
 P0027 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank1)  
 P0028 Intake Valve Control Solenoid Circuit Range/Performance (Bank2)  
 P0029 Solenoid VICS-Open Or Short  
 P002A Exhaust B Cam Profile Control Circuit Open Bank 1  
 P002B Exhaust B Cam Profile Control Circuit Low Bank 1  
 P002C Exhaust B Cam Profile Control Circuit High Bank 1  
 P002D Exhaust B Cam Profile Control Circuit Open Bank 2  
 P002E Exhaust B Cam Profile Control Circuit Low Bank 2  
 P002F Exhaust B Cam Profile Control Circuit High Bank 2  
 P0030 HO2S Heater Control Circuit (Bank 1, Sensor 1)  
 P0031 HO2S heater control circuit low voltage(bank 1,sensor 1)  
 P0032 HO2S Heater Control Circuit High Voltage(Bank 1, Sensor 1)  
 P0033 Turbocharger/Supercharger Bypass Valve Control Circuit / Open  
 P0034 An ignition spark knock has occurred and the knock sensor (KS) has failed to detect it.  
 P0035 ERG temperature sensor (EGRT).-EGRT sensor circuit malfunction  
 P0036 HO2S Heater Control Circuit (Bank 1, Sensor 2)